

Title (en)

LIQUID EJECTION CONTROL DEVICE, LIQUID EJECTION SYSTEM, AND CONTROL METHOD

Title (de)

FLÜSSIGKEITSAUSSTOSSSTEUERUNGSVORRICHTUNG, FLÜSSIGKEITSAUSSTOSSSYSTEM UND STEUERUNGSVERFAHREN

Title (fr)

DISPOSITIF DE COMMANDE D'ÉJECTION DE LIQUIDE, SYSTÈME D'ÉJECTION DE LIQUIDE ET PROCÉDÉ DE COMMANDE

Publication

EP 3050523 A1 20160803 (EN)

Application

EP 16153340 A 20160129

Priority

JP 2015018186 A 20150202

Abstract (en)

In a liquid ejection control device, an ejection tube section type acquisition unit (651) discriminates an ejection tube section type of an ejection tube section (50) mounted in a main body section (40), and acquires a fitted correspondence relationship fitting the discriminated ejection tube section type. A voltage amplitude setting unit (654) sets a voltage amplitude of a drive voltage waveform so as to cause kinetic energy to meet an energy instruction value input by using an energy dial (711) based on a rising index value related to rising of the drive voltage waveform and a repetitive frequency instruction value input by using a repetitive frequency dial (713) with reference to the fitted correspondence relationship.

IPC 8 full level

A61B 17/3203 (2006.01); **A61B 90/90** (2016.01); **A61B 17/00** (2006.01)

CPC (source: CN EP US)

A61B 17/3203 (2013.01 - EP US); **A61B 17/3205** (2013.01 - CN); **B26F 3/004** (2013.01 - CN); **B41J 2/04581** (2013.01 - US); **B41J 2/04588** (2013.01 - US); **A61B 90/96** (2016.02 - EP US); **A61B 2017/00017** (2013.01 - CN); **A61B 2017/00154** (2013.01 - US); **A61B 2017/00181** (2013.01 - US); **A61B 2017/00194** (2013.01 - US); **A61B 2017/00473** (2013.01 - US); **A61B 2017/00482** (2013.01 - US)

Citation (applicant)

JP 2005152127 A 20050616 - SEIKO EPSON CORP, et al

Citation (search report)

- [A] JP 2013085865 A 20130513 - SEIKO EPSON CORP
- [A] US 2010069937 A1 20100318 - SETO TAKESHI [JP], et al
- [A] EP 2286745 A2 20110223 - SEIKO EPSON CORP [JP]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3050523 A1 20160803; CN 105832382 A 20160810; JP 2016140551 A 20160808; US 2016221336 A1 20160804; US 9738068 B2 20170822

DOCDB simple family (application)

EP 16153340 A 20160129; CN 201610056744 A 20160127; JP 2015018186 A 20150202; US 201615009704 A 20160128